Kop . I. t. IP will

110100AX

July 5

r. A rrys

N = Sinox FxyxxE

معلومات a,1+ U.n=0 } => "/rsing t = "t of. ital coso = Yo

./ tt coso: to -t coso = ro. } - rro. + rrot = t\*(1)
./ tt sin = rt - t'sin = rot |

t - rrot - rro.... =>t. 400 = 11x40. x cos0 = y. -> cos0, + = 0 = 4.

> a, r,r Ust, L

الم تعرفات

y 50= - - +x9,Λxt + r, εt + r, εt + r, εt + r, εt - r, γ } -> -ε, αξ'+r,ν= 1,1t'= , t= ,1) Jus + x rrt + ret

- = x 9, N x (: N) / T 1, C x 1 = - 0/ Y F)

U. 0/2

tso, as.

 $Q: \frac{dl}{dt} = \frac{dl}{dx}, \frac{dx}{dt} = l \times \frac{dx}{\sqrt{x}} = \frac{x'}{r}$ 

a, 10 = x = x = 10, x t

a \( \frac{1}{4} = \frac{1}{4} \)

- it - it -

کروه ۲

11,100014



a. Mezi. ttj

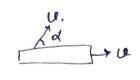
$$\int_{a}^{b} f(x) dx = F(b) - F(a) \qquad (a, airifted)$$

$$= F(b) - F(a) \qquad (a, airifted)$$

=> 
$$Cen = \frac{dn}{dt} = Cendt = dn =>$$
  $\begin{cases} t Cendt = \int_{r}^{\infty} n => n = \frac{p}{r} (e^{rt} - 1) + r \cdot \frac{t = r}{r} \sum_{i=1}^{r} \frac{r_{i}}{r_{i}} = \frac{r_{i}}{r} = \frac{$ 

Un= Un-gtj Un,-Uni+gtj

## Med Alooont yhit



و مارات

$$\chi = (U_{0x} + U)t = 5t = \frac{\chi}{U_{0x} + U}$$

$$= 7 \mathcal{L} = 7 \mathcal{L}_{-3}(\mathcal{L}_{-3}+\mathcal{L}) = 7 \mathcal{L}_{-3}(\mathcal$$

$$\frac{dx}{dx} = 0$$
 => cosd (cosd+  $\frac{u}{(0)}$ ) - sind = 0 =>

$$Y \cos d + \frac{U}{U} \cos d = \frac{U}{U} \cos d = \frac{U}{U} \pm \sqrt{\frac{u^r}{u^r} + \Lambda}}{V} = \chi = \alpha r \cos \left(\frac{U}{U} \pm \sqrt{\frac{u^r}{u^r} + \Lambda}}{V}\right)$$

trish distriction to the trish of the trish

$$\alpha = \frac{\alpha'}{r} = \alpha = \frac{\alpha}{r} \rightarrow \alpha = \frac{r\alpha}{v_{1}\alpha y} = \pi$$

$$\overline{\Lambda} = \frac{(2r - 0)}{t} = \frac{4i + Ny}{6} = 1, ri + 1, ry = r$$

Aloloon & Shill

1'= 10 x ry.

n= a.t , n= sind. An x +4.xt => a = sindx 1xmy => sind = Do / xmy => sind = 1/1xm => d =1:

10 10 000 + Um COSO = 10 pdp + Um dm

Up = U, psino - Um sind = Upodm - Umdp مونفه كالمعوم الم

Updp+ Undm

زارم ي سن رست مني و راساي قط وراهل

I sin = Mind

ب جون ورست است = رستنی حان معرادالا ما ک ج) عربی فاصد بایر فاصد M از خط سیرونت نبی است بنی ،

Dim Portage

ر) ما توجر رفط فوق مرط برفرد فرنت نبی م درات ی فر است. مین

tun 0 = 0 => Updm - Umdp = 0 => Updm = Umdp => dm/lem = dp/lep